

# FHWA Motorcycle Data

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Office of Highway Policy Information  
Travel Monitoring and Surveys

# Data Sources

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- Form 561: State Motor-Vehicle Registrations, Registration Fees, and Miscellaneous Receipts
- HPMS: Highway Performance Monitoring System - Summary Data
- NHTS: National Household Travel Survey

# Motorcycle Registrations

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- Form 561 – Guide to Reporting Highway Statistics, Chapter 3
  - Collected from the States annually
  - FHWA's *Highway Statistics*, MV-1
- Motorcycles:
  - All 2 or 3 wheeled vehicles

# Motorcycle Vehicle-Miles of Travel (VMT)

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- HPMS Travel Activity by Vehicle Type
  - Collected from the States annually
  - FHWA's *Highway Statistics*, VM-1
- Motorcycles:
  - All 2 or 3 wheeled vehicles
  - Reporting motorcycles is optional
    - ❖ 43+ States breakout motorcycles
    - ❖ National VMT estimated
  - Expected to become mandatory

# National Household Travel Survey (NHTS)

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- Travel behavior survey
  - 26,000 households
  - Plus “add-on” areas
- Every 5 to 7 years -- latest is 2001
  - Website: [nhts.ornl.gov](http://nhts.ornl.gov)
- Motorcycles include mopeds
  - By trip, travel & demographics

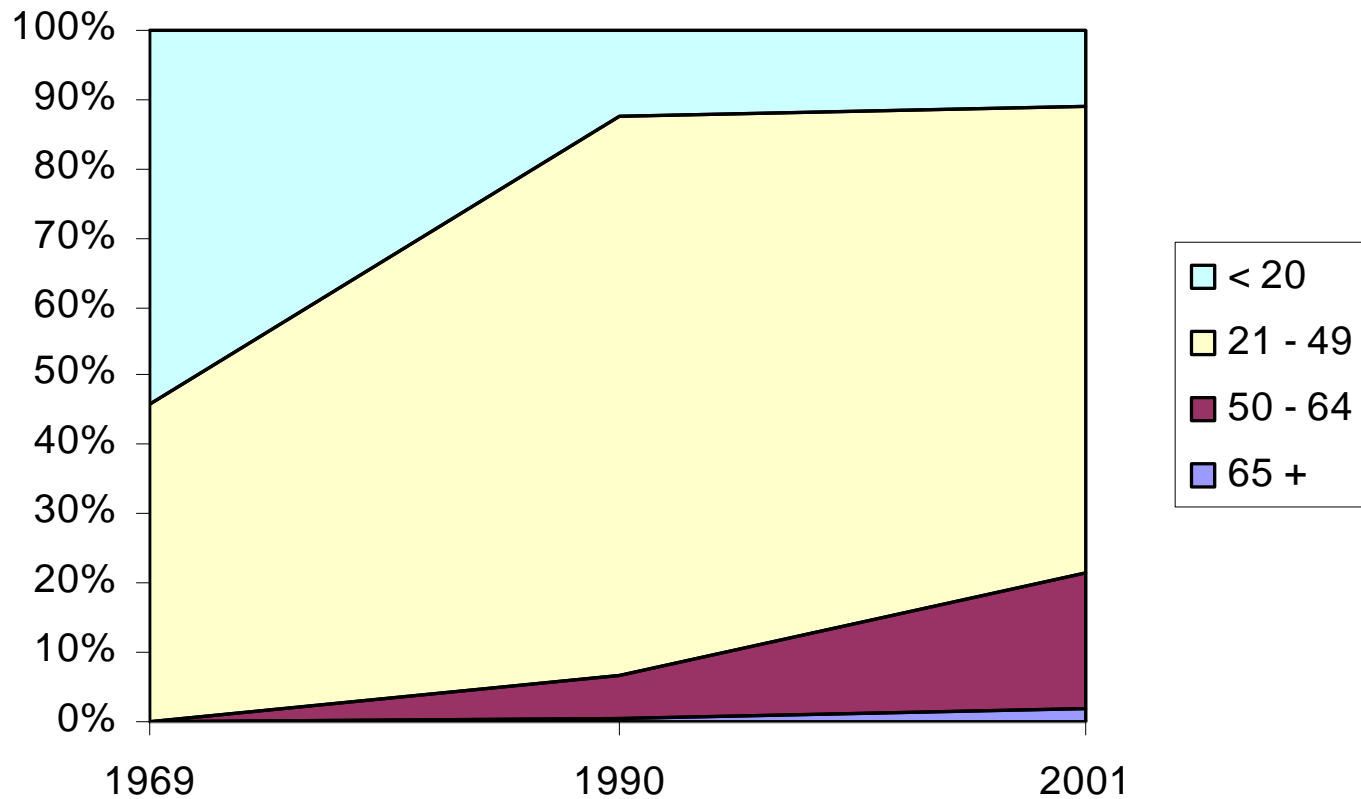
# Number of Motorcycles

| Year | MV-1      | NHTS        |
|------|-----------|-------------|
| 2001 | 4,903,056 | 4.5 million |
| 2002 | 5,004,156 |             |
| 2003 | 5,370,035 |             |
| 2004 | 5,780,870 |             |

# Motorcycle VMT (millions)

| Year | HPMS   | NHTS  |
|------|--------|-------|
| 2001 | 9,639  | 8,372 |
| 2002 | 9,552  |       |
| 2003 | 9,577  |       |
| 2004 | 10,048 |       |

# Motorcycle Usage by Age



Source: NHTS





Website:  
[www.fhwa.dot.gov/policy/ohpi/](http://www.fhwa.dot.gov/policy/ohpi/)